

AMENDMENTS TO THE CLAIMS

1. (currently amended) A user interface for a cabin communication system for improving clarity of a voice spoken within an interior cabin having at least first, second and third seat locations, wherein the cabin communication system includes a first microphone for receiving a first spoken voice from the first seat location and a first loudspeaker for outputting a first reproduced voice at the first seat location, a second microphone for receiving a second spoken voice from the second seat location and a second loudspeaker for outputting a second reproduced voice at the second seat location, and a third microphone for receiving a third spoken voice from the third seat location and a third loudspeaker for outputting a third reproduced voice at the third seat location, the cabin communication system further using acoustic echo cancellation to eliminate feedback ~~echos~~ echoes between the microphones and the loudspeakers, said user interface comprising:

a first interface section including a first plurality of manual controls accessible from the first seat location, said first plurality of manual controls including a first control for selectably connecting ~~and disconnecting~~ the first microphone to a selected one of the second and third loudspeakers so that the first spoken voice is ~~or is not~~ selectably output as the respective second or third reproduced voice at the respective second or third seat location, and a second control for selectably connecting ~~and disconnecting~~ the first loudspeaker to a selected one of the second and third microphones so that the respective second or third spoken voice at the respective second or third seat location is ~~or is not~~ selectably output as the first reproduced voice;

a second interface section including a second plurality of manual controls accessible from the second seat location, said second plurality of manual controls including a third control for selectably connecting ~~and disconnecting~~ the second microphone to a selected one of the first and third loudspeakers so that the second spoken voice is ~~or is not~~ selectably output as the respective first or third reproduced voice at the respective first or third seat location, and a fourth control for selectably connecting ~~and disconnecting~~ the second loudspeaker to a selected one of the first and third microphones so that the respective first or third spoken voice at the respective first or third seat location is ~~or is not~~ selectably output as

the second reproduced voice; and

a third interface section including a third plurality of manual controls accessible from the third seat location, third first plurality of manual controls including a fifth control for selectably connecting ~~and disconnecting~~ the third microphone to a selected one of the first and second loudspeakers so that the third spoken voice is ~~or is not~~ selectably output as the respective first or second reproduced voice at the respective first or second seat location, and a sixth control for selectably connecting ~~and disconnecting~~ the third loudspeaker to a selected one of the first or second microphones so that the respective first or second spoken voice at the respective first or second seat location is ~~or is not~~ selectably output as the third reproduced voice.

2. (original) The user interface of claim 1, wherein said first microphone directionally receives the first spoken voice from the first seat location, said second microphone directionally receives the second spoken voice from the second seat location, and said third microphone directionally receives the third spoken voice from the third seat location.

3. (original) The user interface of claim 2, wherein said first control optionally connects the first microphone to both of the second and third loudspeakers and said second control optionally connects the first loudspeaker to both of the second and third microphones.

4. (original) The user interface of claim 2, wherein said third control optionally connects the second microphone to both of the first and third loudspeakers and said fourth control optionally connects the second loudspeaker to both of the first and third microphones.

5. (original) The user interface of claim 2, wherein said fifth control optionally connects the third microphone to both of the first and second loudspeakers and said sixth control optionally connects the third loudspeaker to both of the first and

second microphones.

6. (currently amended) The user interface of claim 2, further comprising:

a first three-way switch for making connection between the first microphone and the second loudspeaker, said first switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said first and fourth controls;

a second three-way switch for making connection between the first microphone and the third loudspeaker, said second switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said first and sixth controls;

a third three-way switch for making connection between the second microphone and the first loudspeaker, said third switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said second and third controls;

a fourth three-way switch for making connection between the second microphone and the third loudspeaker, said fourth switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said third and sixth controls;

a fifth three-way switch for making connection between the third microphone and the first loudspeaker, said fifth switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said second and fifth controls; and

a sixth three-way switch for making connection between the third microphone and the second loudspeaker, said sixth switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said fourth and fifth controls.

7. (original) The user interface of claim 2, further comprising a voice storage device for storing voice messages and a voice storage logic device for controlling access to said voice storage device to record voice messages therein at

accessible locations,

said first interface section including a seventh control for controlling said voice storage logic device to store in said voice storage device a voice message received at the first microphone, and an eighth control for controlling said voice storage logic device to retrieve from said voice storage device a recorded voice message to be output by the first loudspeaker,

said second interface section including a ninth control for controlling said voice storage logic device to store in said voice storage device a voice message received at the second microphone, and a tenth control for controlling said voice storage logic device to retrieve from said voice storage device a recorded voice message to be output by the second loudspeaker, and

said third interface section including an eleventh control for controlling said voice storage logic device to store in said voice storage device a voice message received at the third microphone, and a twelfth control for controlling said voice storage logic device to retrieve from said voice storage device a recorded voice message to be output by the third loudspeaker.

8. (original) The user interface of claim 7, wherein each of said eighth, tenth and twelfth controls can control said voice storage logic device to retrieve any voice message stored in said voice storage device.

9. (original) The user interface of claim 2, further comprising a wireless telephone for making a call to a remote location and receiving a call from a remote location,

said first interface section including a seventh control for accessing said telephone for making and placing a call,

said second interface section including an eighth control for accessing said telephone for making and placing a call, and

said third interface section including a ninth control for accessing said telephone for making and placing a call.

10. (original) The user interface of claim 9, wherein said seventh, eighth and ninth controls enable simultaneous access to said wireless telephone for joint participation in a call.

11. (currently amended) A user interface for a cabin communication system for improving clarity of a voice spoken within an interior cabin having at least first and second seat locations, wherein the cabin communication system includes a first microphone for receiving a first spoken voice from the first seat location and a first loudspeaker for outputting a first reproduced voice at the first seat location, and a second microphone for receiving a second spoken voice from the second seat location and a second loudspeaker for outputting a second reproduced voice at the second seat location, the cabin communication system further using acoustic echo cancellation to eliminate feedback ~~echos~~ echoes between the microphones and the loudspeakers, said user interface comprising:

a first interface section including a first plurality of manual controls accessible from the first seat location, said first plurality of manual controls including a first control for selectably connecting ~~and disconnecting~~ the first microphone to the second loudspeaker so that the first spoken voice is ~~or is not~~ selectably output as the respective second voice at the second seat location, and a second control for selectably connecting ~~and disconnecting~~ the first loudspeaker to the second microphone so that the respective second spoken voice at the second seat location is ~~or is not~~ selectably output as the first reproduced voice; and

a second interface section including a second plurality of manual controls accessible from the second seat location, said second plurality of manual controls including a third control for selectably connecting ~~and disconnecting~~ the second microphone to the first loudspeaker so that the second spoken voice is ~~or is not~~ selectably output as the first reproduced voice at the first seat location, and a fourth control for selectably connecting ~~and disconnecting~~ the second loudspeaker to the first microphone so that the first spoken voice at the first seat location is ~~or is not~~ selectably

output as the second reproduced voice.

12. (original) The user interface of claim 11, wherein said first microphone directionally receives the first spoken voice from the first seat location and said second microphone directionally receives the second spoken voice from the second seat.

13. (currently amended) The user interface of claim 12, further comprising:
a first three-way switch for making connection between the first microphone and the second loudspeaker, said first switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said first and fourth controls; and
a second three-way switch for making connection between the second microphone and the first loudspeaker, said second switch making the connection ~~or breaking the connection~~ in response to a most recent actuation of said second and third controls.

14. (original) The user interface of claim 12, further comprising a voice storage device for storing voice messages and a voice storage logic device for controlling access to said voice storage device to record voice messages therein at accessible locations,

said first interface section including a fifth control for controlling said voice storage logic device to store in said voice storage device a voice message received at the first microphone, and a sixth control for controlling said voice storage logic device to retrieve from said voice storage device a recorded voice message to be output by the first loudspeaker, and

said second interface section including a seventh control for controlling said voice storage logic device to store in said voice storage device a voice message received at the second microphone, and an eight control for controlling said voice storage logic device to retrieve from said voice storage device a recorded voice message to be output by the second loudspeaker.

15. (original) The user interface of claim 14, wherein each of said sixth and eighth controls can control said voice storage logic device to retrieve any voice message stored in said voice storage device.

16. (original) The user interface of claim 12, further comprising a wireless telephone for making a call to a remote location and receiving a call from a remote location,

said first interface section including a fifth control for accessing said telephone for making and placing a call, and

said second interface section including a sixth control for accessing said telephone for making and placing a call.

17. (original) The user interlace of claim 16, wherein said sixth and seventh controls enable simultaneous access to said wireless telephone for joint participation in a call.